

## **BATTERY BACKUP METHOD AND SYSTEM**

### **Abstract of the Invention**

A battery backup system is provided for use in a sedation and analgesia system. The battery backup system can include a battery, a power source, and a battery controller connected to power source and the battery. The power source can be connected to the battery controller unidirectional. In addition, the battery can be connected to the battery controller bidirectional. The battery controller can help determine whether the sedation and analgesia system should be run with the power source or the battery.